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Art Unit: 2172

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Commissioner for Patents

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Technology Center 2100

Response to Your Office Actions

Dear Mr. To,

I filed a patent application in your office, INTEGRATED DATABASE DATA EDITING SYSTEM, on 10/02/2000 (#09/677,493). I sent the Clean Version of Amendment to you on 08/12/2002 and faxed the Marked Up Version to you on 02/05/2003 as well as three letters on 08/12/2002, 02/27/2003 and 05/29/2003 replying to your letters on 07/27/2002, 02/06/2003 and 05/15/2003. We have had several telephone conversations since 08/12/2002 including today's telephone call, and also exchanged emails many times.

In response to your letter dated 08/07/2003, we had a telephone conversation on 08/22/2003 and discussed this issue in detail. You promised me that you would re-examine my patent application immediately and get back to me on 08/26/2003. I didn't hear from you on 08/26/2003, so I sent you several emails to follow up. You sent me a replying email with three new references (#6,560,607, #6,502,092 and #6,418,467) on 09/11/2003. I replied you an email indicating that my invention is different from these three patents at the same day. I also sent you several emails to ask my patent application status since 09/11/2003. We had a telephone conversation today. As your instruction, I send this formal letter to you to pursue my patent application.

The following references, which you have sent to me by emails and letters since 07/27/2002, are not related to my invention:

1. US. Patent No. 6,560,607, 05/06/2003, Lassesen, "Client side bulk updates on the world wide web".
2. US. Patent No. 6,502,092, 12/31/2002, Ensor, "Referential integrity navigation in a database system".

3. US. Patent No. 6,418,467, 07/09/2002, Schweitzer et al., "Network accounting and billing system and method".
4. US. Patent No. 6,005,560, 12/21/1999, Gill et al., "Multi-media project management and control system".
5. US. Patent No. 5,815,665, 09/27/1998, Teper et al., "System and method for providing trusted brokering services over a distributed network".
6. US. Patent No. 5,801,701, 09/01/1998, Koppolu et al., "Method and system for in-place interaction with contained objects".
7. US. Patent No. 5,675,752, 10/07/1997, Scott et al., "Interactive applications generator for an interactive presentation environment".
8. US. Patent No. 5,644,739, 07/01/1997, Moursund, "Method and system for adding buttons to a toolbar".

My invention relates to an integrated relational database data editing system for editing and managing the database contents remotely through intranet, Internet or any other computer networks in an efficient and easy-to-use manner. The data editing system is used to input, output, modify and update the database data and extremely useful for editing the large data types such as large text files and audio, image, animation and video binary data files from a remote relational database. The invention is original and very significant in both technology and economy fields, and meets the novelty and usability requirements by the USPTO very well.

Lassenen (US. Patent No. 6,560,607) teaches a specific data structure and method of modifying at least one record in a database, where the data is displayed by browser, modified, encapsulated in a data structure as a string and then sent back to the web site. My integrated database data editing system does not use this kind of specific data structure and mechanism.

Ensor (US. Patent No. 6,502,092) teaches an improved system and method for referential integrity navigation of data residing in database tables and views, which includes a graphical user interface in communication with a database, receiving user input to the graphical user interface, retrieving data from the database, displaying the retrieved data in the graphical user interface, and navigating to one or more referenced database tables or views by user request entered on the graphical user interface. The purpose of referential integrity is to prevent database users or applications from entering inconsistent data into a database. Ensor's invention is not related to my invention and does not have the functions and mechanisms as described in my invention.

Schweitzer et al. (US. Patent No. 6,418,467) teaches a network accounting and billing system and method for gathering networking traffic information, which is not related to my invention.

In my previous letters dated on 05/29/2003, 02/27/2003 and 08/12/2002, and several telephone conversations and many emails since 08/12/2002, I have explained in detail that my invention is totally different from the previous arts of Gill et al. (US. Patent No. 6,005,560), Teper et al. (US. Patent No. 5,815,665), Koppolu et al. (US. Patent No.

5,801,701), Scott et al. (US. Patent No. 5,675,752) and Moursund (US. Patent No. 5,644,739).

I believe that my invention is original and patentable. There is no any previous art similar to my invention. My invention is also very significant in both technology and economy fields, which meets the novelty and usability requirements by the USPTO very well. I hope that it will get further examination and be approved as soon as possible. Attached is the updated Reference List. If you have any further concerns or questions, please let me know. Thanks.

Sincerely,

A handwritten signature in cursive script that reads "George G. Yang". The signature is fluid and stylized, with the first and last names being more prominent than the middle initial.

George Guang Yang, Ph.D.

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Notice of Reference

| Document Number | Date | Inventor Name | Classification |
|-----------------|---------|-------------------|----------------|
| 5,644,739 | 07/1997 | Moursund | 395/354 |
| 5,675,752 | 10/1997 | Scott et al. | 395/333 |
| 5,801,701 | 09/1998 | Koppolu et al. | 345/352 |
| 5,815,665 | 09/1998 | Teper et al. | 395/200.59 |
| 5,864,682 | 01/1999 | Porter et al. | 395/200.77 |
| 5,875,448 | 02/1999 | Boys et al. | 707/531 |
| 5,950,207 | 09/1999 | Mortimore et al. | 707/104 |
| 6,005,560 | 12/1999 | Gill et al. | 715/500.1 |
| 6,035,309 | 03/2000 | Dauerer et al. | 707/503 |
| 6,105,055 | 08/2000 | Pizano et al. | 709/204 |
| 6,418,467 | 07/2002 | Schweitzer et al. | 709/223 |
| 6,502,092 | 12/2002 | Ensor | 707/3 |
| 6,560,607 | 05/2003 | Lassesen | 707/101 |